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Date of Deposit or Transmission: January 30, 2002 Signature: Mariko Mizuno

Typed or Printed Name: Mariko Mizuno

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)

DAVID D. BOHN)

Serial No.: Unknown)

Filed: Unknown)

For: POSITION SENSING DEVICE)
HAVING A MOVABLE)
PHOTOSENSING ELEMENT)

Group Art Unit: Unknown

Examiner: Unknown

Atty. Docket: 10971959-5

PRELIMINARY AMENDMENT

To the Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

The applicant respectfully requests that the following amendment be entered into the attached continuation application.

IN THE SUMMARY

Please rewrite Summary between page 6 line 32 and page 8 line 3 as follows:

A position sensing device is disclosed herein. The position sensing device may comprise a substrate; a first portion and a second portion wherein the first portion is attached to the substrate and wherein the second portion is movably mounted to the first portion; and a two-dimensional photosensor array attached to the actuator second portion. A light path may extend between a plane and the two-dimensional photosensor array and a lens may be positioned in the light path.

IN THE ABSTRACT

Please rewrite Abstract as follows:

A position sensing device has a substrate, a first portion, a second portion, a two-dimensional photosensor array, a light path and a lens. The first portion is attached to the substrate and the second portion is movably mounted to the first portion along a first axis. The two-dimensional photosensor array is attached to the second portion. The light path extends between a plane and the two-dimensional photosensor array. The lens is positioned in the light path.

IN THE CLAIMS

Please rewrite Claim 9 as follows:

9. The device of claim 7 wherein said two-dimensional array of photodetectors has between ten and twenty columns of photodetector elements.

Please rewrite Claim 14 as follows:

14. The device of claim 10 wherein said first portion is a control portion of an actuator mechanism and wherein said second portion is an actuating portion of said actuator mechanism.

Please rewrite Claim 17 as follows:

17. The method of claim 15 and further comprising providing a lens between said two-dimensional photosensor array and said focal plane portion of said surface, said lens being movable relative to said two-dimensional photosensor array.

Please rewrite Claim 18 as follows:

18. The method of claim 17 and further comprising moving said lens relative to said two-dimensional photosensor array in order to maintain said light path.

Please cancel Claims 19-22 without prejudice or disclaimer.


Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "**Version with markings to show changes made.**"

REMARKS

Claims 1-23 were present in the application prior to this amendment. Claims 19-22 have been canceled herein. The Summary, Abstract, and Claims 9, 14, 17 and 18 have been amended herein.

Respectfully submitted,
KLAAS, LAW, O'MEARA & MALKIN, P.C.

Date: January 30, 2002

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Version with markings to show changes made

Claim 9 has been amended as follows:

9. (once amended) The device of claim 7 wherein said two[]-dimensional array of photodetectors has between ten and twenty columns of photodetector elements.

Claim 14 has been amended as follows:

14. (once amended) The device of claim 10 wherein said first portion is a control portion of an actuator mechanism and wherein said second portion is an actuating portion of [an] said actuator mechanism.

Claim 17 has been amended as follows:

17. (once amended) The method of claim 15 and further comprising providing a lens between said two-dimensional photosensor array and said focal plane portion of said surface, said lens being movable relative to said two-dimensional photosensor array.

Claim 18 has been amended as follows:

18. (once amended) The method of claim 17 and further comprising moving said lens [proportional to said movement of] relative to said two-dimensional photosensor array in order to maintain said light path.